Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Turntable

Test Model: TTR102

Environmental Conditions

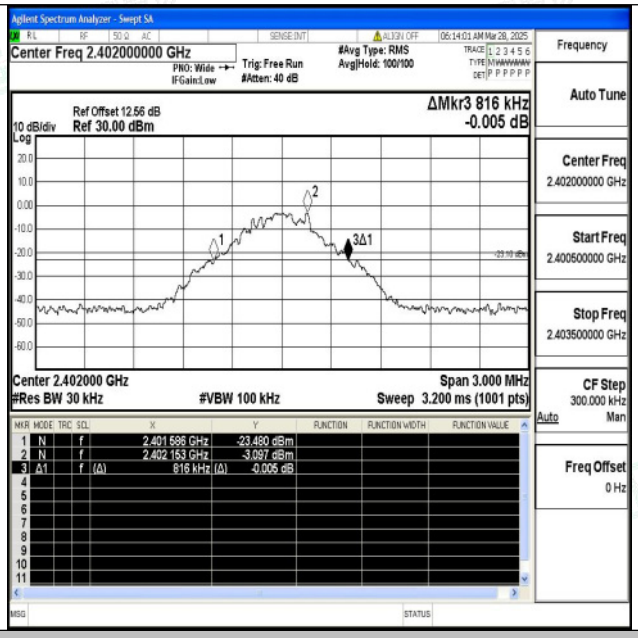
Temperature:	23.8°C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Nick Peng

A.1 20dB Emission Bandwidth

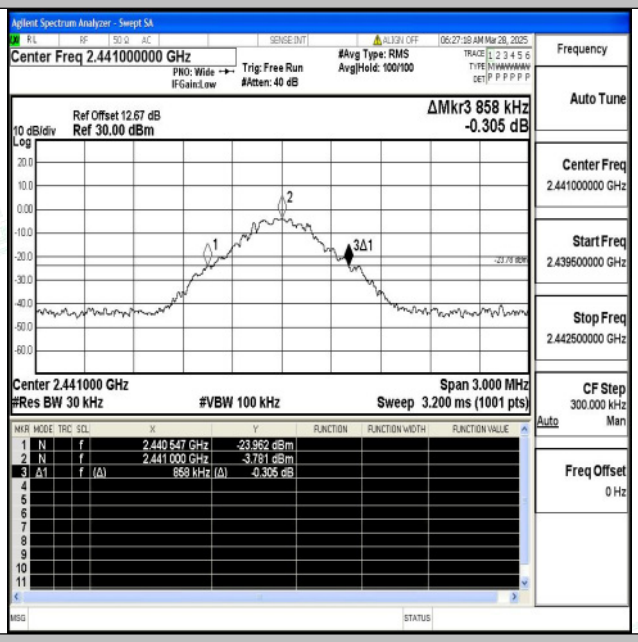
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.816	2401.586	2402.402	---	---
DH5	Ant1	2441	0.858	2440.547	2441.405	---	---
DH5	Ant1	2480	0.855	2479.556	2480.411	---	---
2DH5	Ant1	2402	1.281	2401.358	2402.639	---	---
2DH5	Ant1	2441	1.287	2440.358	2441.645	---	---
2DH5	Ant1	2480	1.284	2479.358	2480.642	---	---
3DH5	Ant1	2402	1.311	2401.340	2402.651	---	---
3DH5	Ant1	2441	1.317	2440.337	2441.654	---	---
3DH5	Ant1	2480	1.299	2479.349	2480.648	---	---

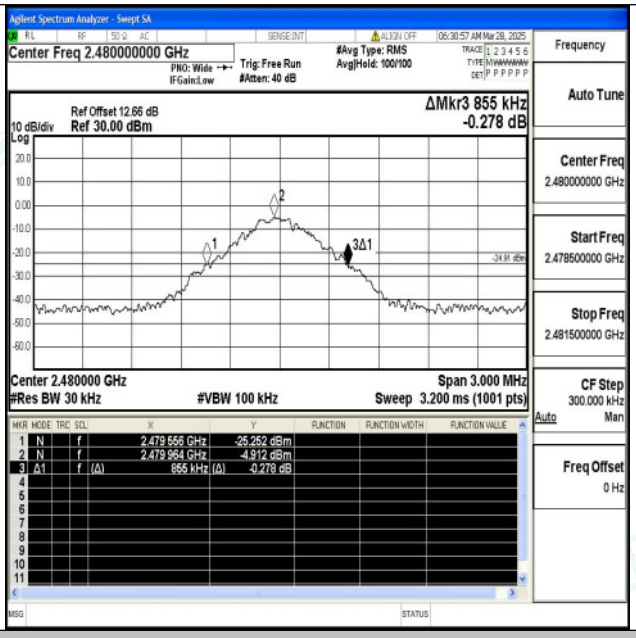
Test Graphs



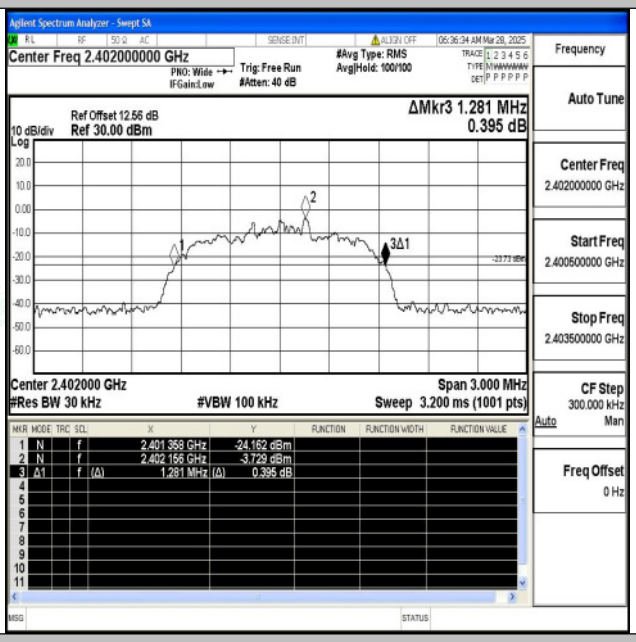
DH5-Ant1-2402



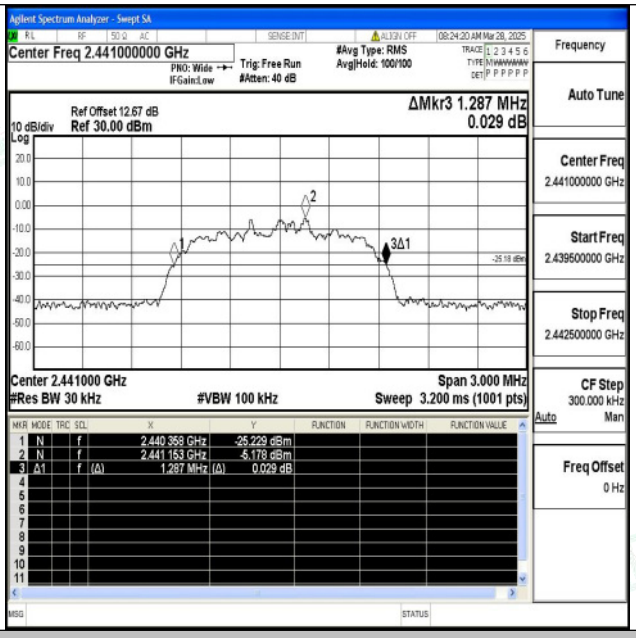
DH5-Ant1-2441



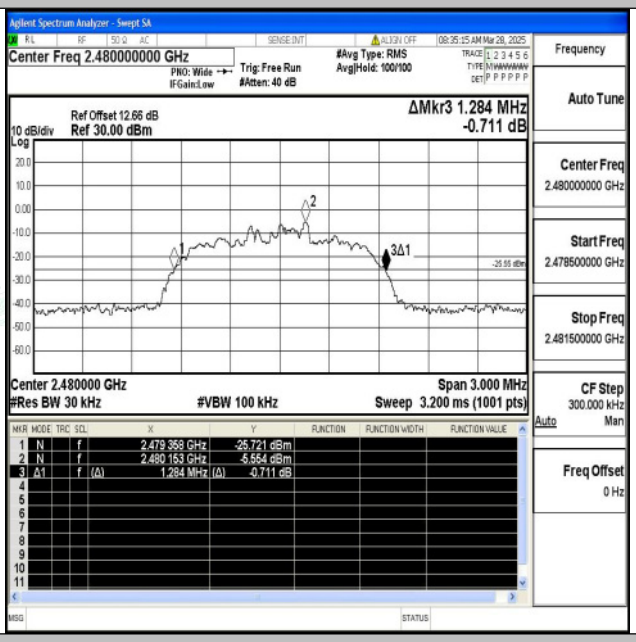
DH5-Ant1-2480



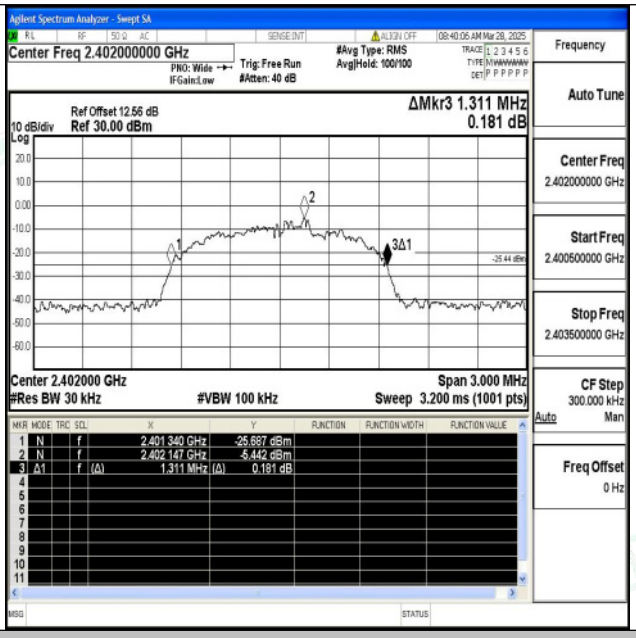
2DH5-Ant1-2402



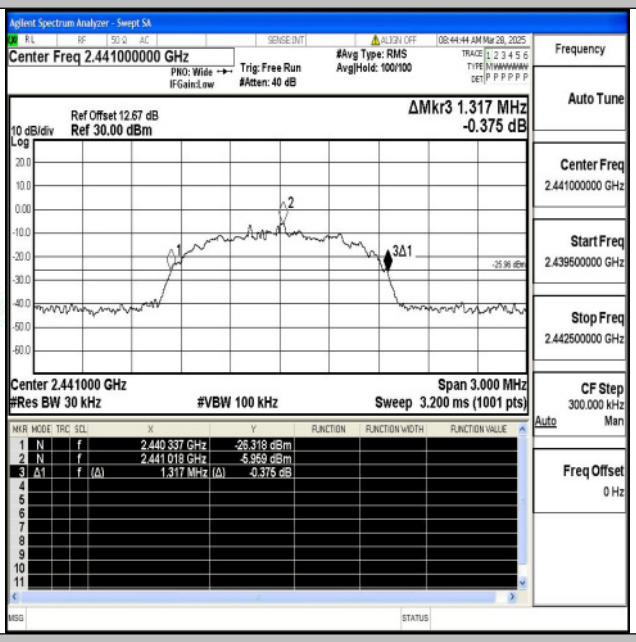
2DH5-Ant1-2441



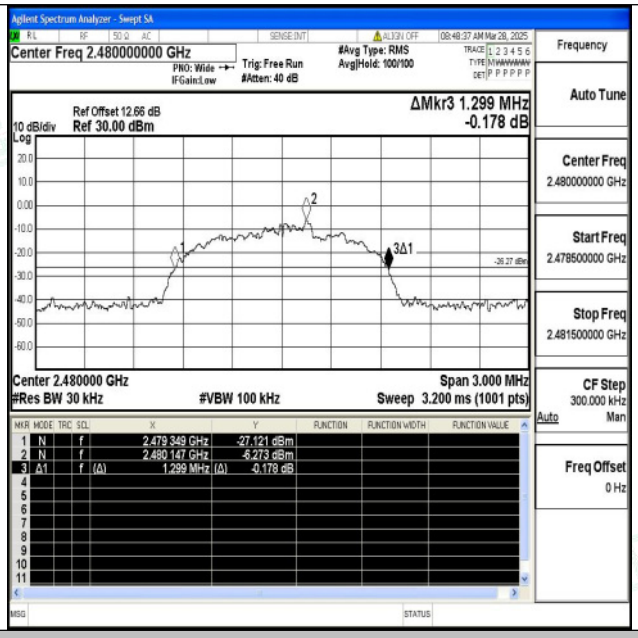
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



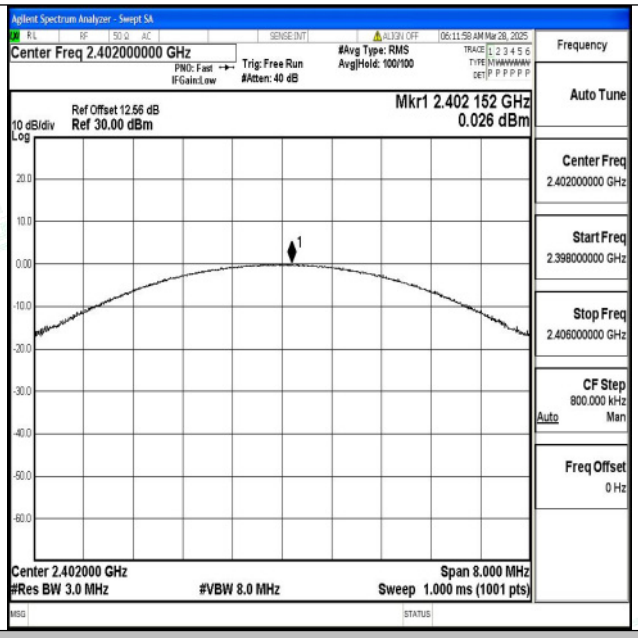
3DH5-Ant1-2480

A.2 Maximum conducted output power

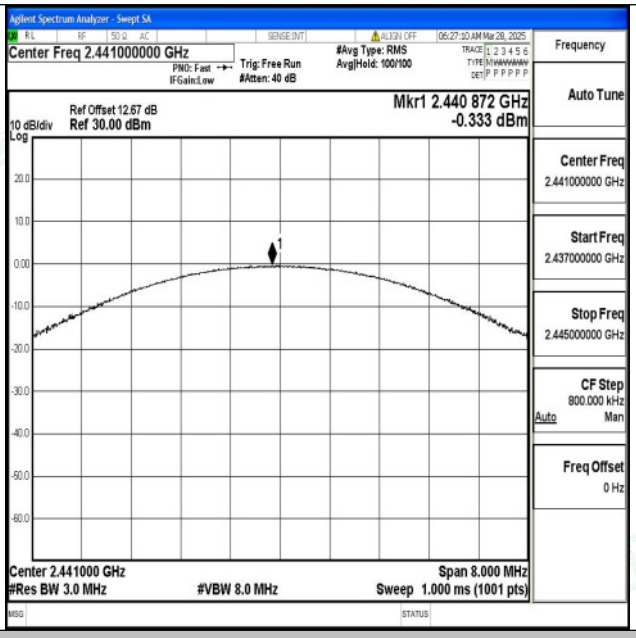
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Powert[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.03	21	PASS
DH5	Ant1	2441	-0.33	21	PASS
DH5	Ant1	2480	-1.55	21	PASS
2DH5	Ant1	2402	0.04	21	PASS
2DH5	Ant1	2441	-0.43	21	PASS
2DH5	Ant1	2480	-1.44	21	PASS
3DH5	Ant1	2402	-0.10	21	PASS
3DH5	Ant1	2441	-0.53	21	PASS
3DH5	Ant1	2480	-1.60	21	PASS

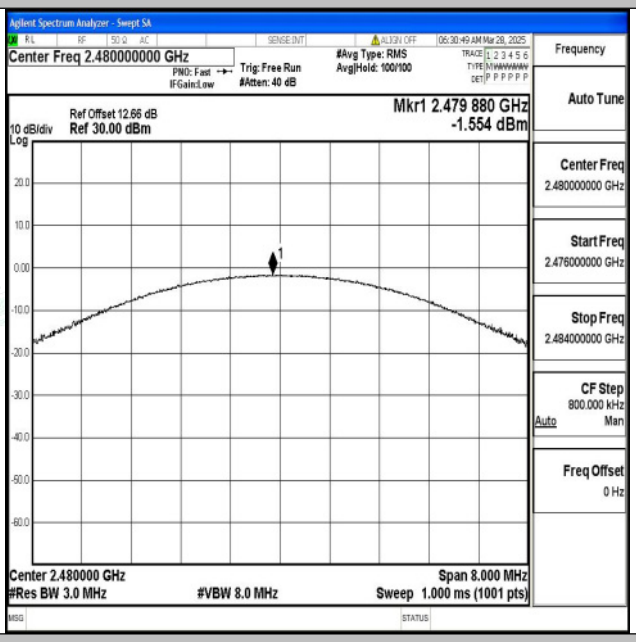
Test Graphs



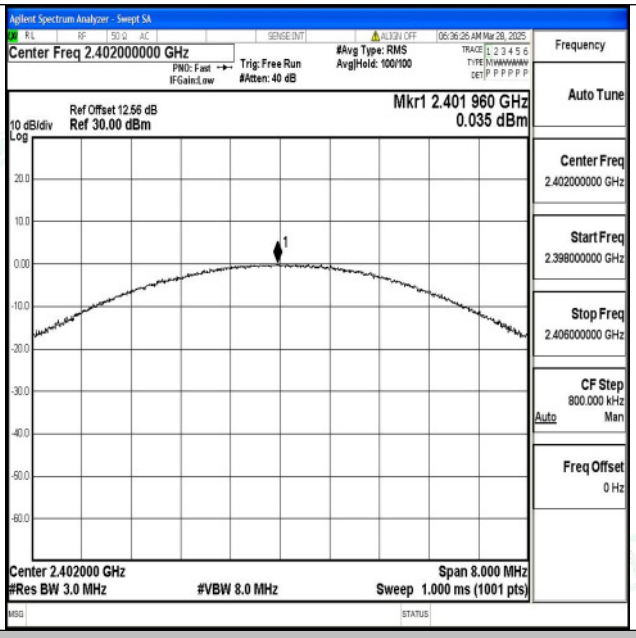
DH5-Ant1-2402-PASS



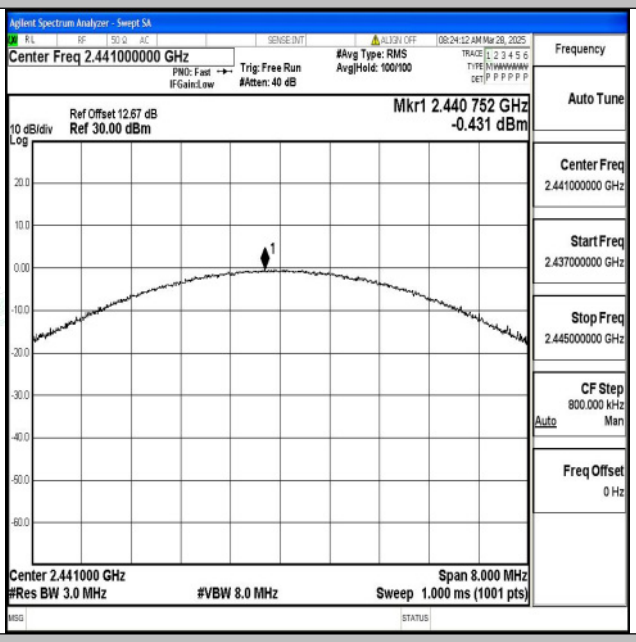
DH5-Ant1-2441-PASS



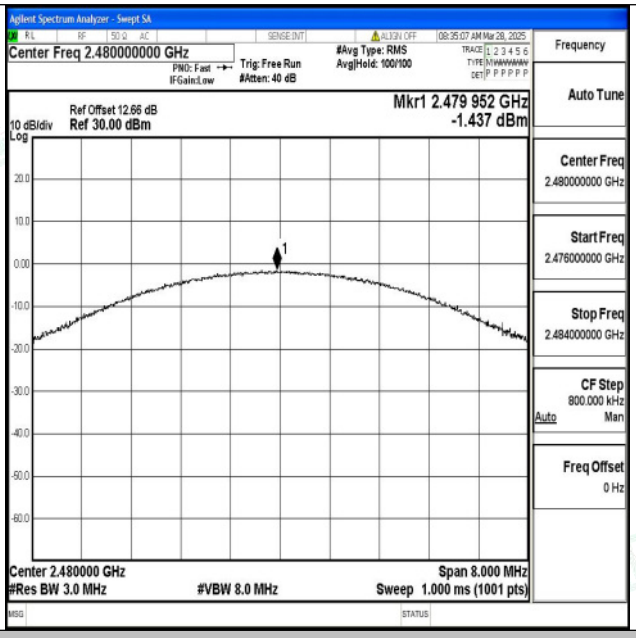
DH5-Ant1-2480-PASS



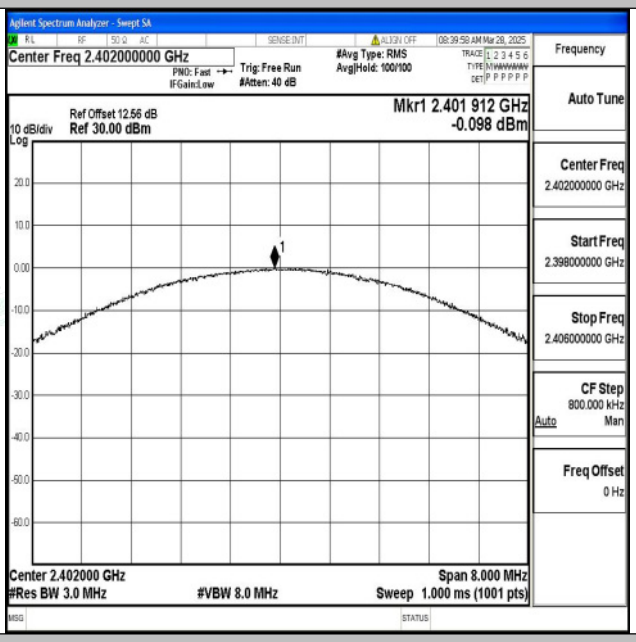
2DH5-Ant1-2402-PASS



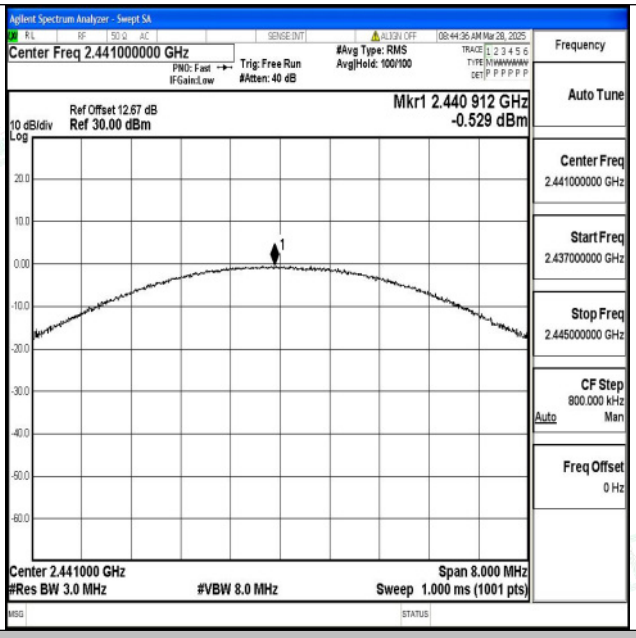
2DH5-Ant1-2441-PASS



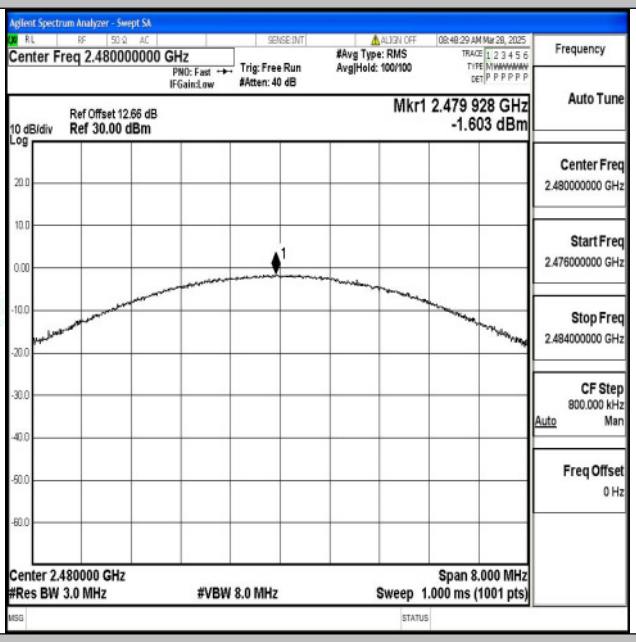
2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS



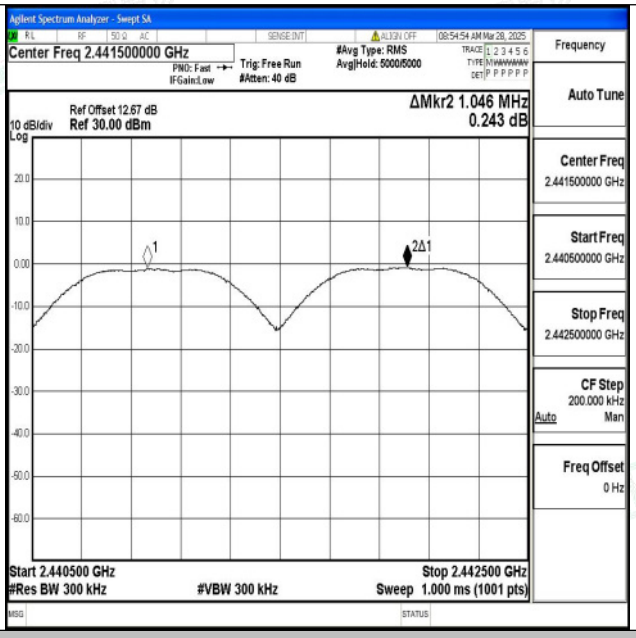
3DH5-Ant1-2480-PASS

A.3 Carrier frequency separation

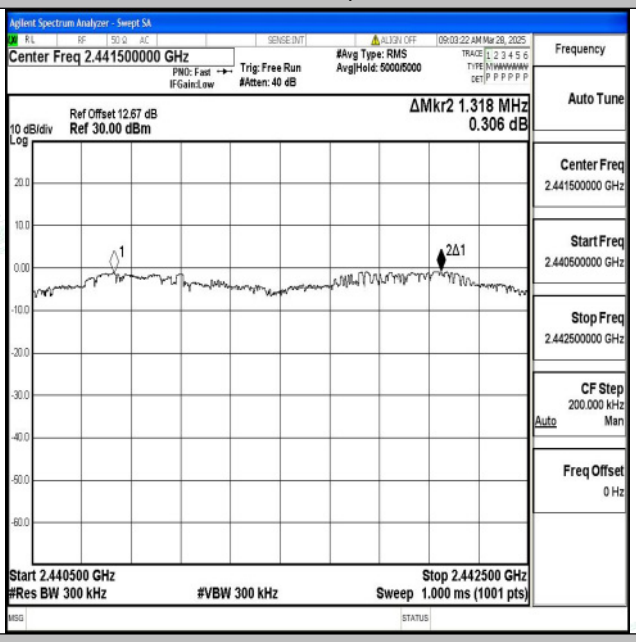
Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.046	0.572	PASS
2DH5	Ant1	Hop	1.318	0.858	PASS
3DH5	Ant1	Hop	1.028	0.878	PASS

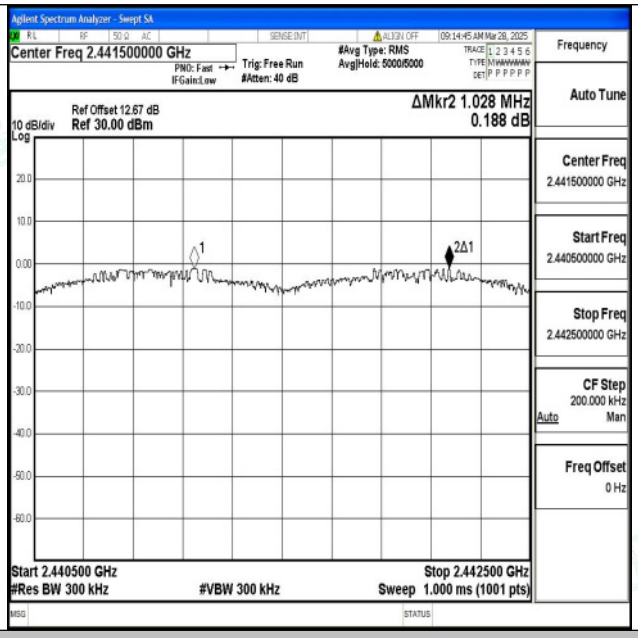
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



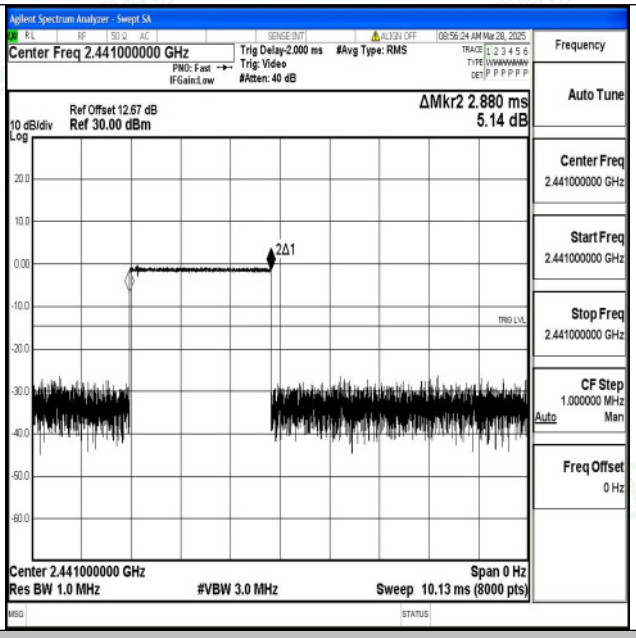
3DH5-Ant1-Hop-PASS

A.4 Time of occupancy

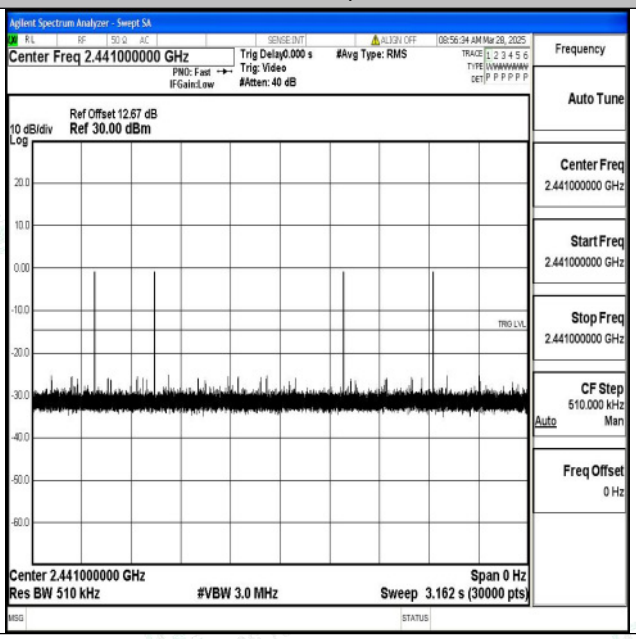
Test Result

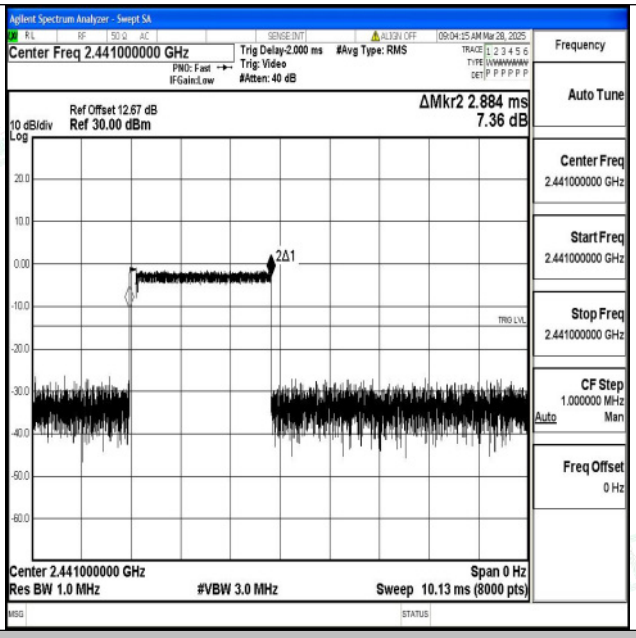
TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.880	50	0.144	≤0.4	PASS
2DH5	Ant1	Hop	2.884	100	0.288	≤0.4	PASS
3DH5	Ant1	Hop	2.885	110	0.317	≤0.4	PASS

Test Graphs

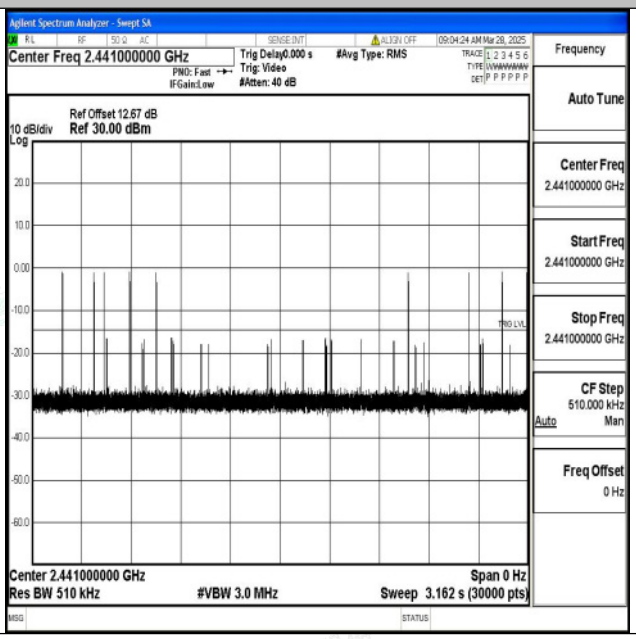


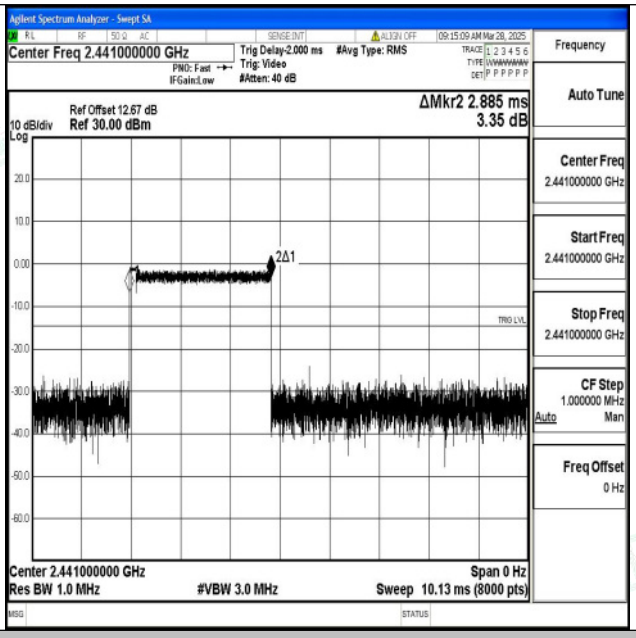
DH5-Ant1-Hop-PASS



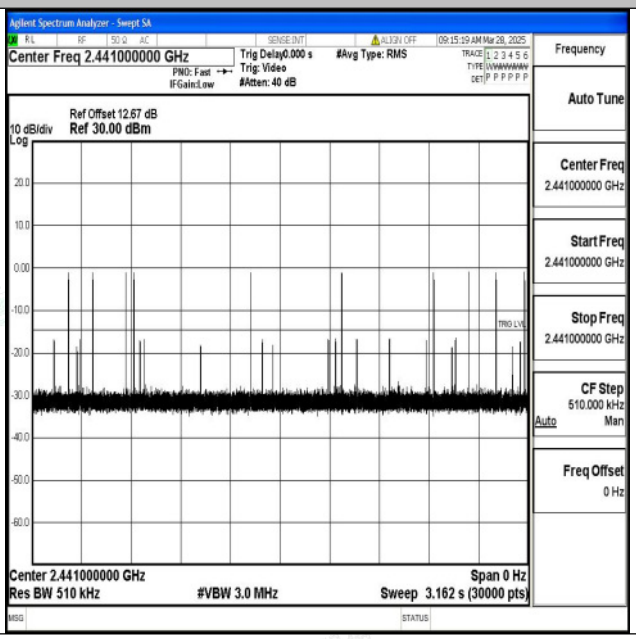


2DH5-Ant1-Hop-PASS





3DH5-Ant1-Hop-PASS



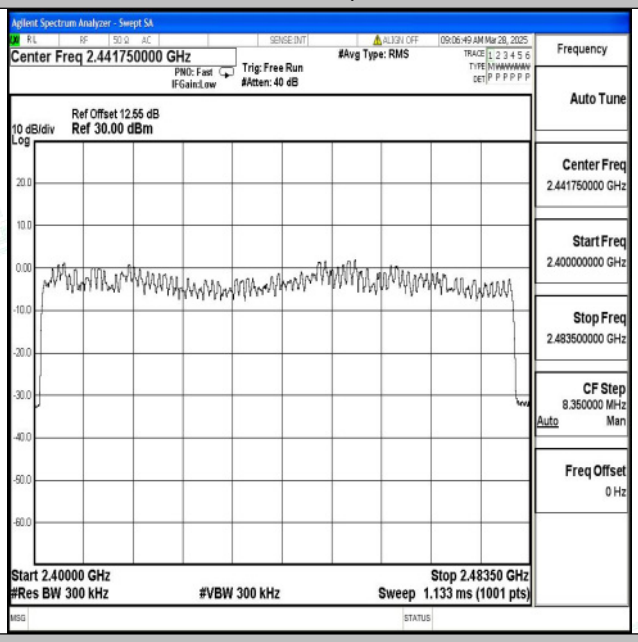
A.5 Number of hopping channels

Test Result

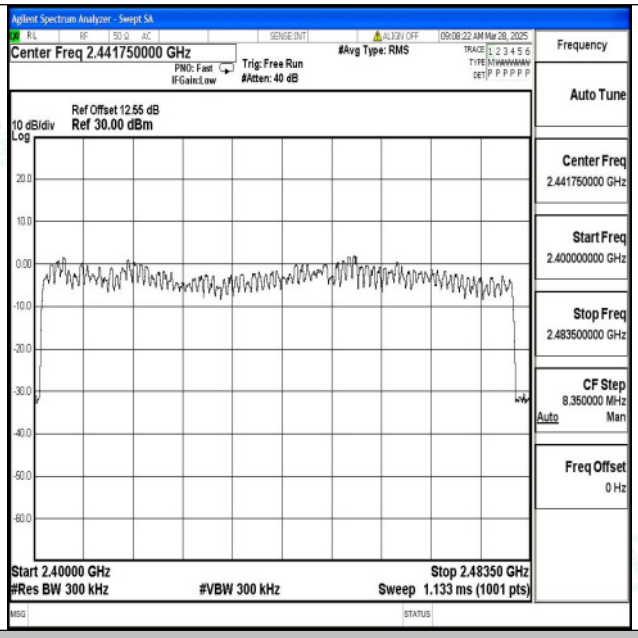
TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs

DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



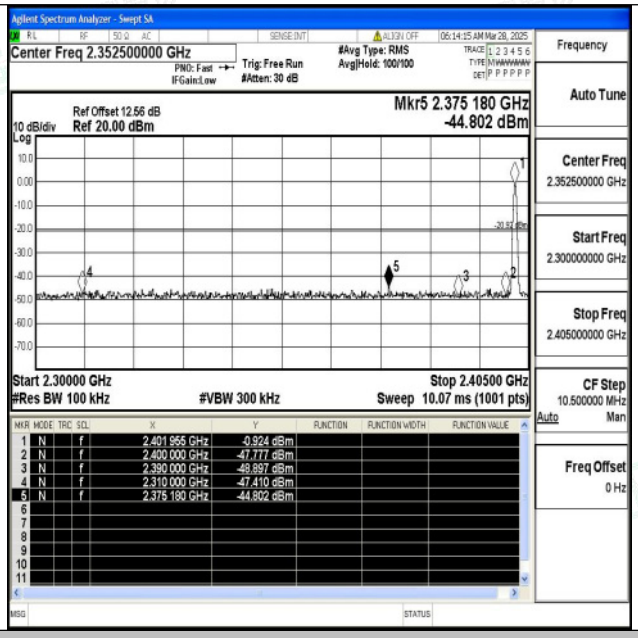
3DH5-Ant1-Hop-PASS

A.6 Band edge measurements

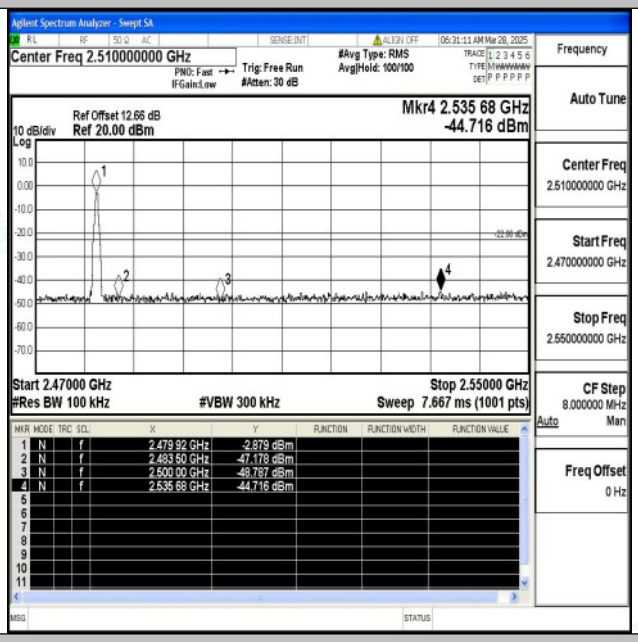
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.92	-44.8	≤-20.92	PASS
DH5	Ant1	High	2480	-2.88	-44.72	≤-22.88	PASS
DH5	Ant1	Low	Hop_2402	0.44	-44.52	≤-19.56	PASS
DH5	Ant1	High	Hop_2480	-2.76	-43.92	≤-22.76	PASS
2DH5	Ant1	Low	2402	-4.93	-45.32	≤-24.93	PASS
2DH5	Ant1	High	2480	-6.20	-44.73	≤-26.2	PASS
2DH5	Ant1	Low	Hop_2402	-4.06	-43.85	≤-24.06	PASS
2DH5	Ant1	High	Hop_2480	-2.96	-44.15	≤-22.96	PASS
3DH5	Ant1	Low	2402	-1.80	-45.33	≤-21.8	PASS
3DH5	Ant1	High	2480	-4.60	-43.87	≤-24.6	PASS
3DH5	Ant1	Low	Hop_2402	-3.02	-44.16	≤-23.02	PASS
3DH5	Ant1	High	Hop_2480	-4.17	-43.97	≤-24.17	PASS

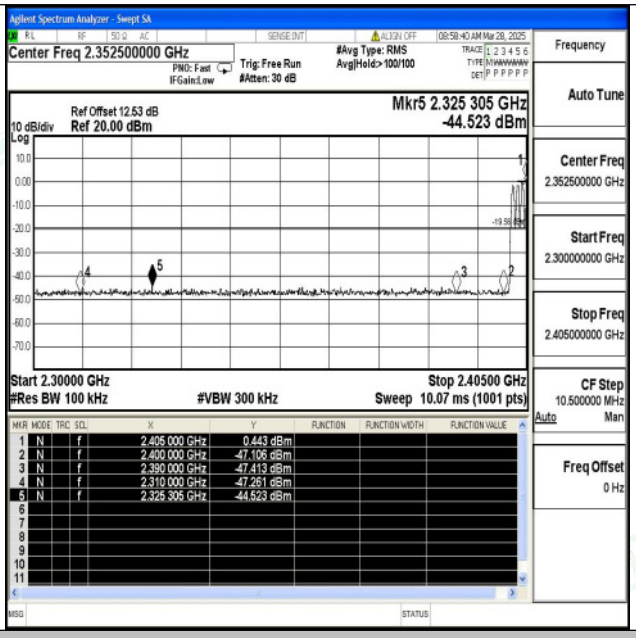
Test Graphs



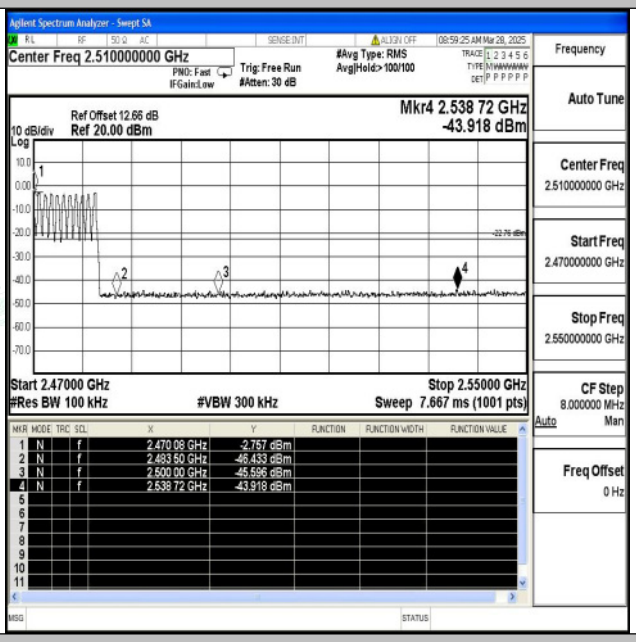
DH5-Ant1-2402-PASS



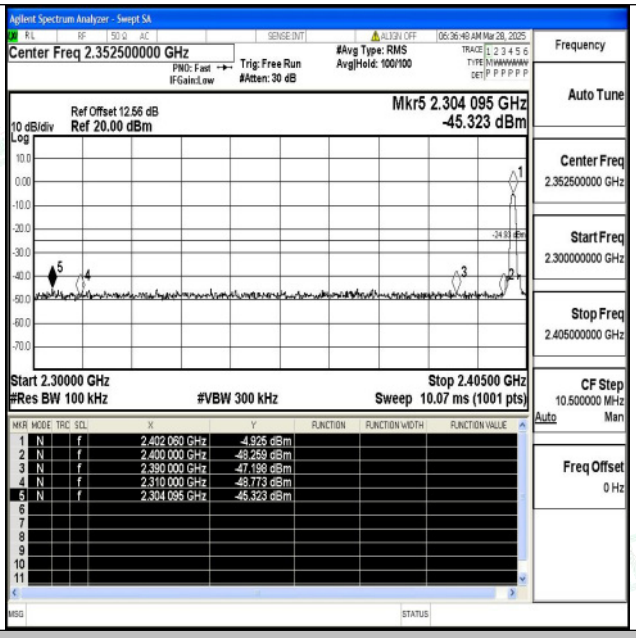
DH5-Ant1-2480-PASS



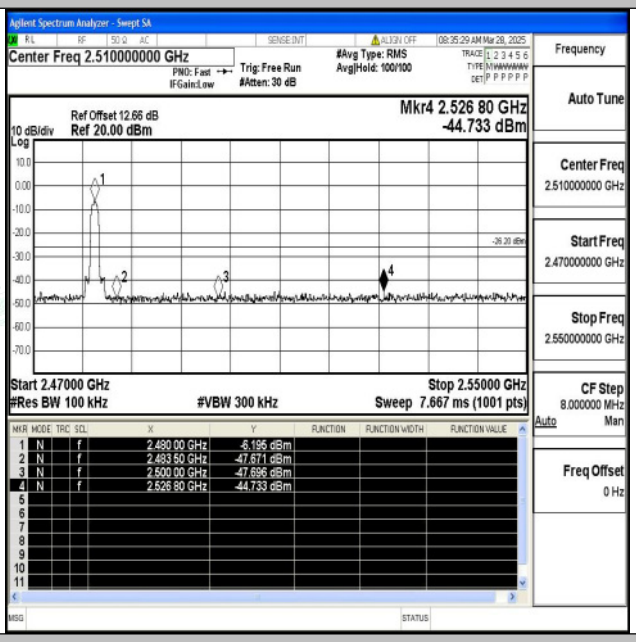
DH5-Ant1-Hop_2402-PASS



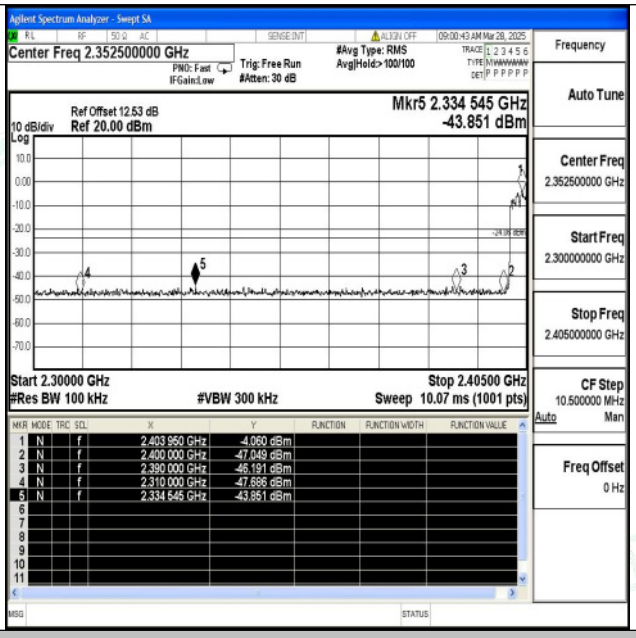
DH5-Ant1-Hop_2480-PASS



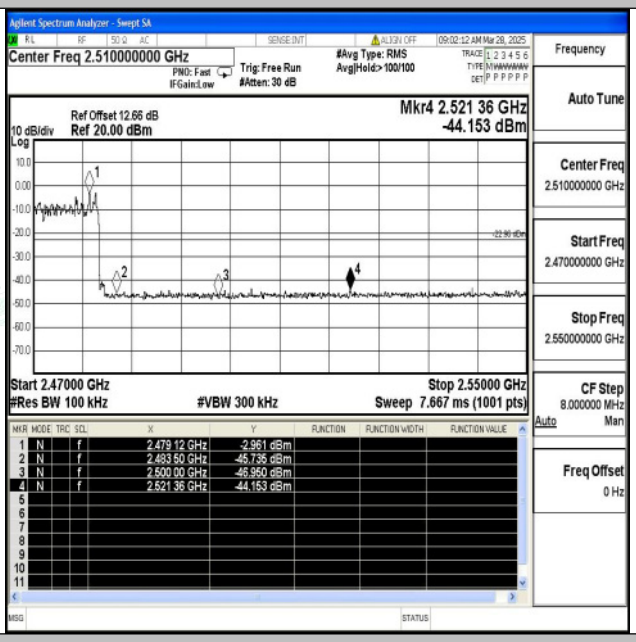
2DH5-Ant1-2402-PASS



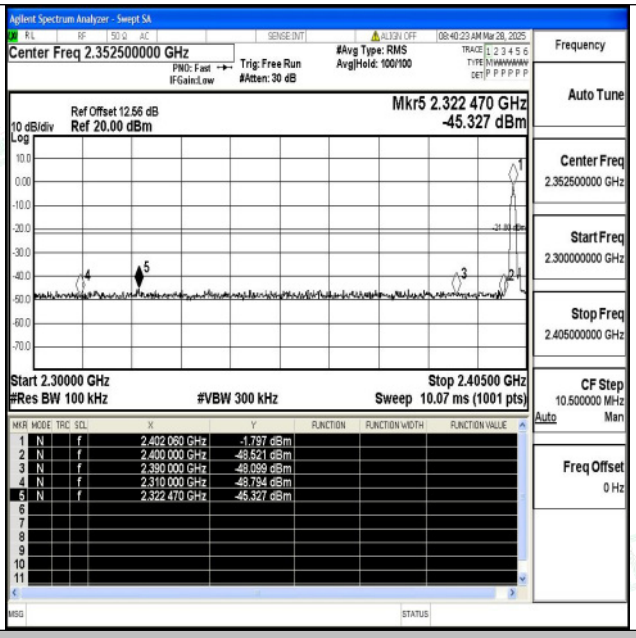
2DH5-Ant1-2480-PASS



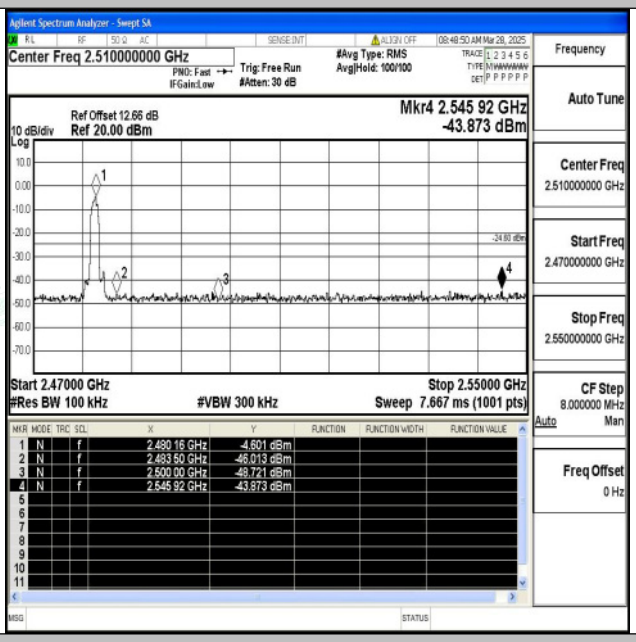
2DH5-Ant1-Hop_2402-PASS



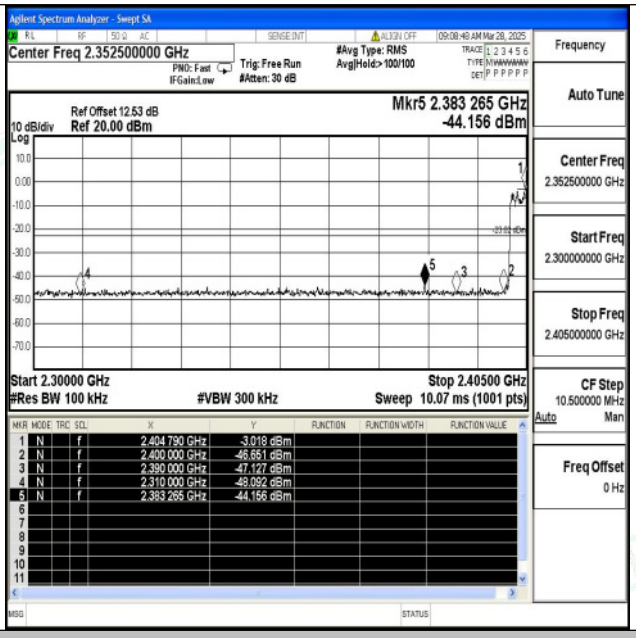
2DH5-Ant1-Hop_2480-PASS



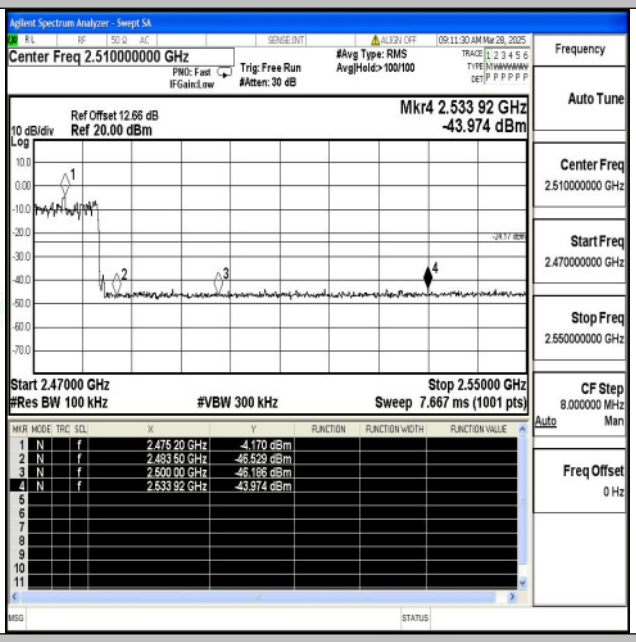
3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



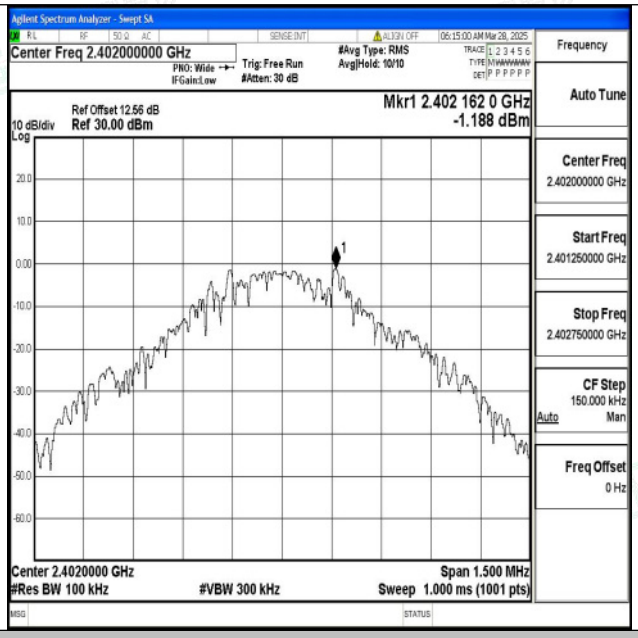
3DH5-Ant1-Hop_2480-PASS

A.7 Conducted Spurious Emission

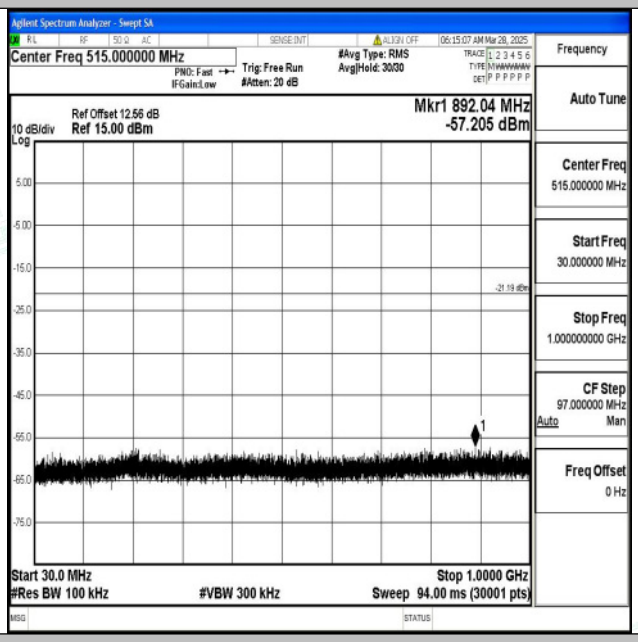
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-1.19	-1.19	---	PASS
DH5	Ant1	2402	30~1000	-1.19	-57.21	≤-21.19	PASS
DH5	Ant1	2402	1000~26500	-1.19	-41.6	≤-21.19	PASS
DH5	Ant1	2441	0~Reference	-2.21	-2.21	---	PASS
DH5	Ant1	2441	30~1000	-2.21	-56.77	≤-22.21	PASS
DH5	Ant1	2441	1000~26500	-2.21	-41.02	≤-22.21	PASS
DH5	Ant1	2480	0~Reference	-3.10	-3.10	---	PASS
DH5	Ant1	2480	30~1000	-3.10	-56.94	≤-23.1	PASS
DH5	Ant1	2480	1000~26500	-3.10	-40.87	≤-23.1	PASS
2DH5	Ant1	2402	0~Reference	-1.13	-1.13	---	PASS
2DH5	Ant1	2402	30~1000	-1.13	-56.5	≤-21.13	PASS
2DH5	Ant1	2402	1000~26500	-1.13	-41.59	≤-21.13	PASS
2DH5	Ant1	2441	0~Reference	-5.32	-5.32	---	PASS
2DH5	Ant1	2441	30~1000	-5.32	-56.65	≤-25.32	PASS
2DH5	Ant1	2441	1000~26500	-5.32	-41.29	≤-25.32	PASS
2DH5	Ant1	2480	0~Reference	-3.46	-3.46	---	PASS
2DH5	Ant1	2480	30~1000	-3.46	-56.15	≤-23.46	PASS
2DH5	Ant1	2480	1000~26500	-3.46	-41.2	≤-23.46	PASS
3DH5	Ant1	2402	0~Reference	-1.34	-1.34	---	PASS
3DH5	Ant1	2402	30~1000	-1.34	-56.76	≤-21.34	PASS
3DH5	Ant1	2402	1000~26500	-1.34	-41.56	≤-21.34	PASS
3DH5	Ant1	2441	0~Reference	-3.95	-3.95	---	PASS
3DH5	Ant1	2441	30~1000	-3.95	-56.82	≤-23.95	PASS
3DH5	Ant1	2441	1000~26500	-3.95	-41.49	≤-23.95	PASS
3DH5	Ant1	2480	0~Reference	-6.61	-6.61	---	PASS
3DH5	Ant1	2480	30~1000	-6.61	-56.85	≤-26.61	PASS
3DH5	Ant1	2480	1000~26500	-6.61	-41.51	≤-26.61	PASS

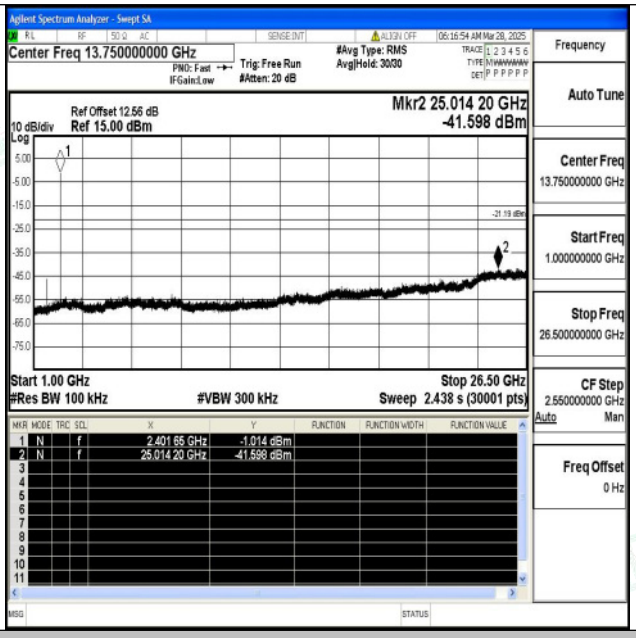
Test Graphs



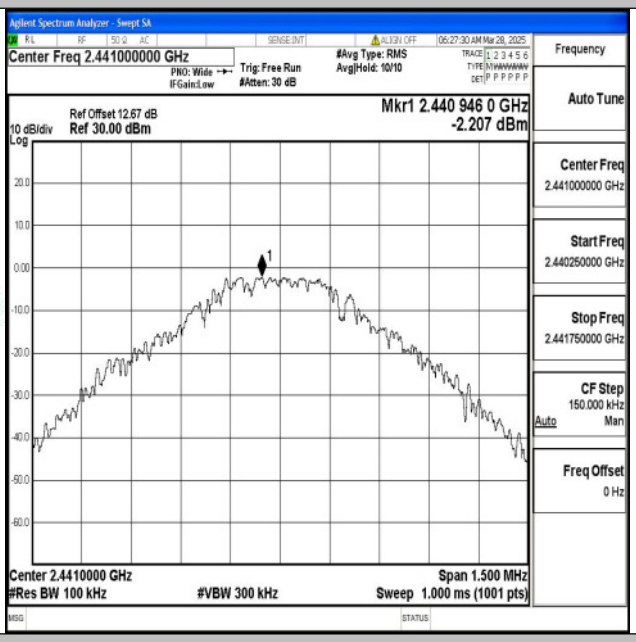
DH5-Ant1-2402-0~Reference-PASS



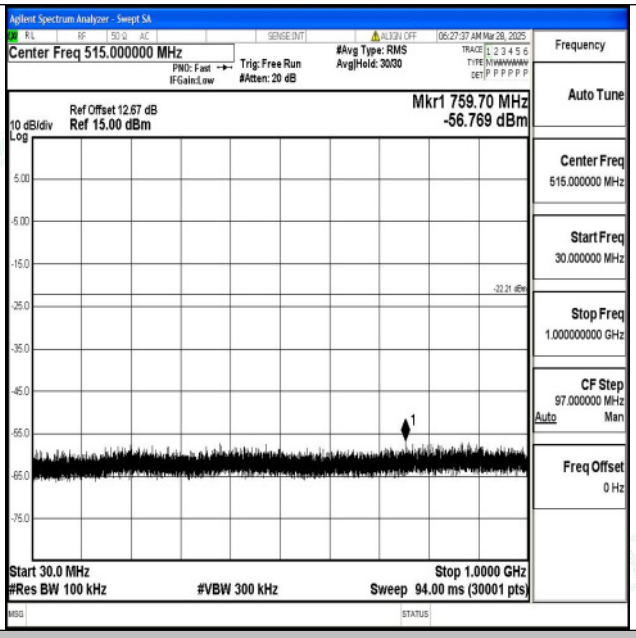
DH5-Ant1-2402-30~1000-PASS



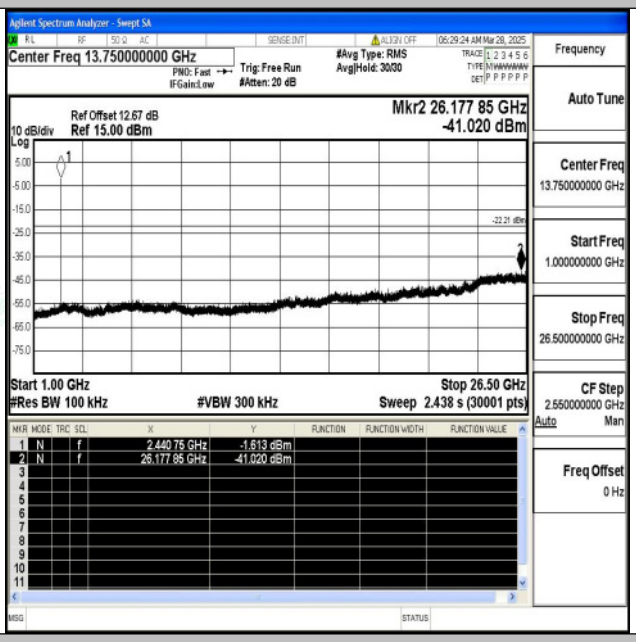
DH5-Ant1-2402-1000~26500-PASS



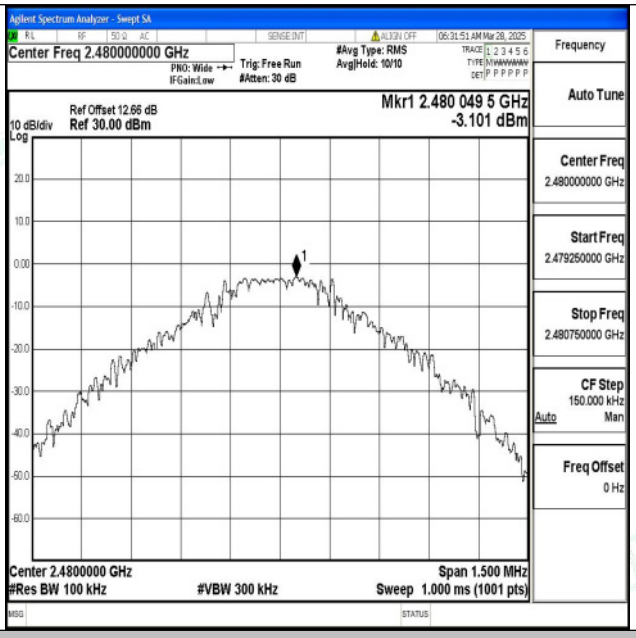
DH5-Ant1-2441-0~Reference-PASS



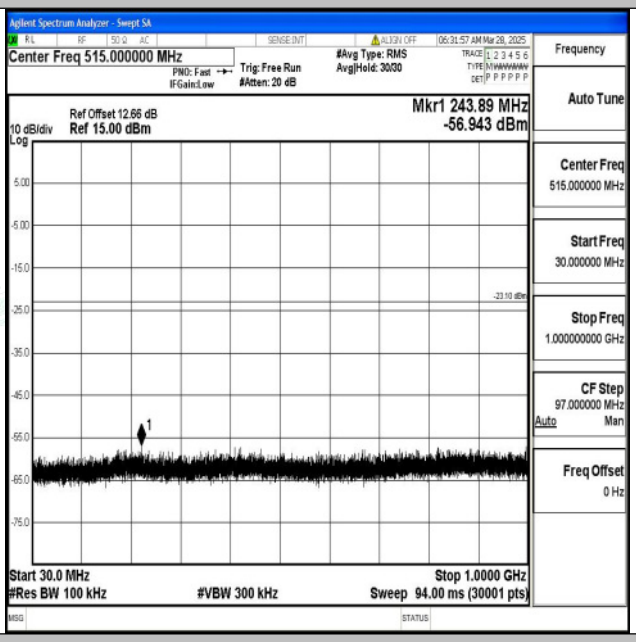
DH5-Ant1-2441-30~1000-PASS



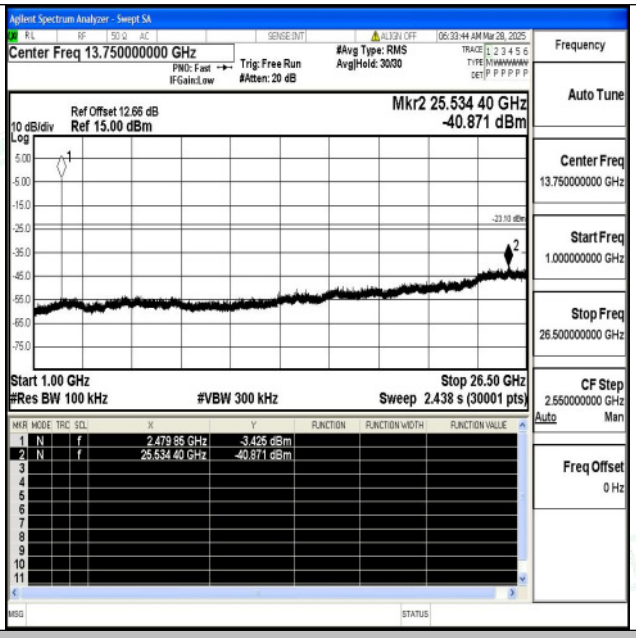
DH5-Ant1-2441-1000~26500-PASS



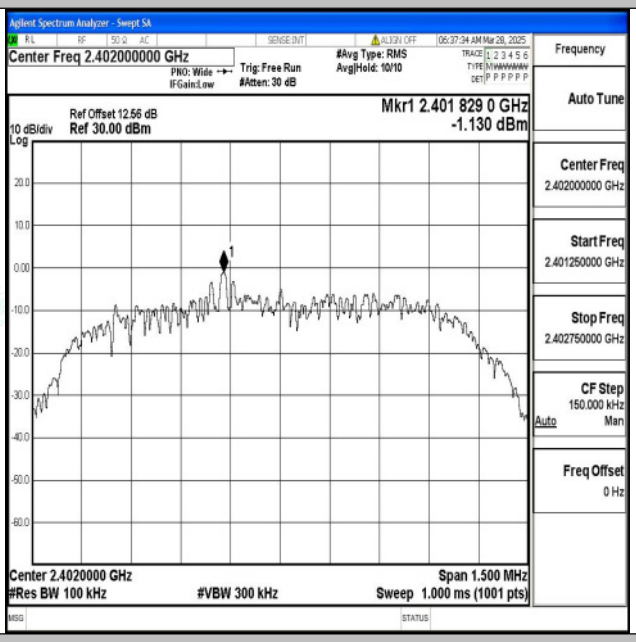
DH5-Ant1-2480-0~Reference-PASS



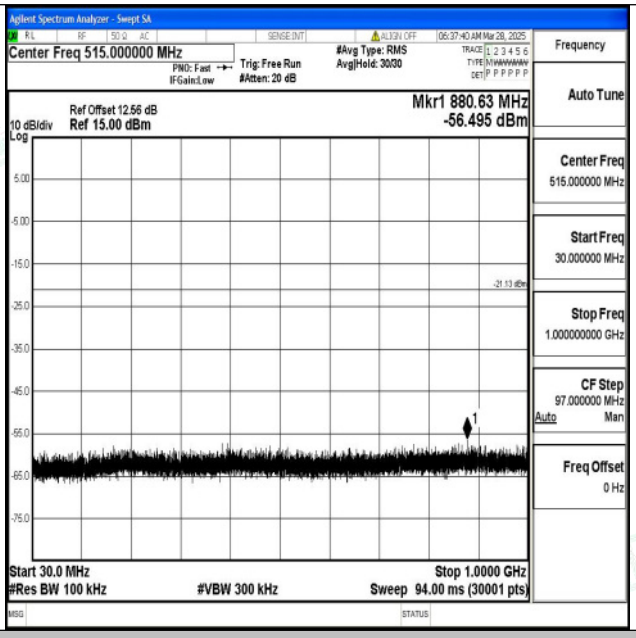
DH5-Ant1-2480-30~1000-PASS



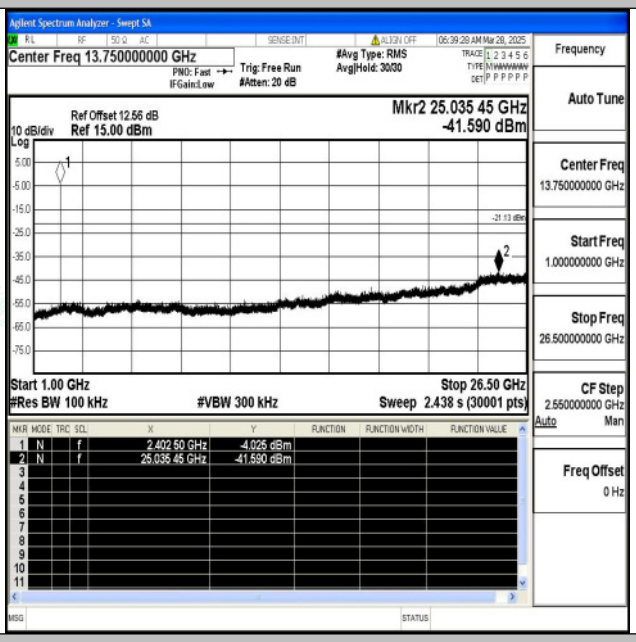
DH5-Ant1-2480-1000~26500-PASS



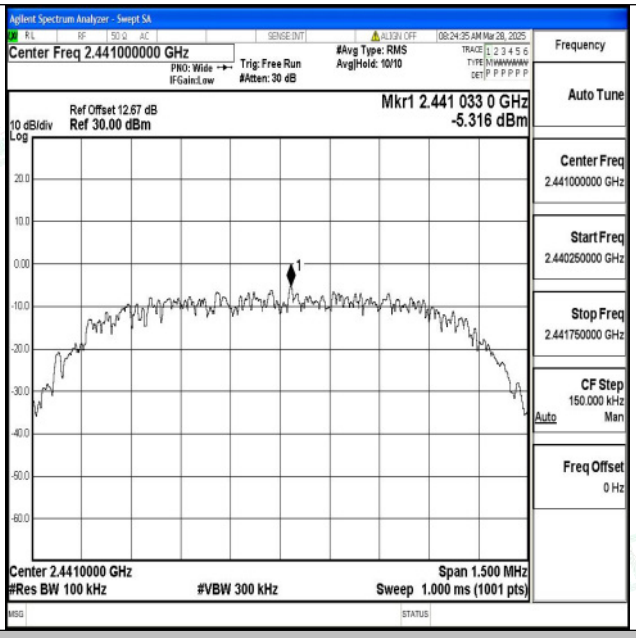
2DH5-Ant1-2402-0~Reference-PASS



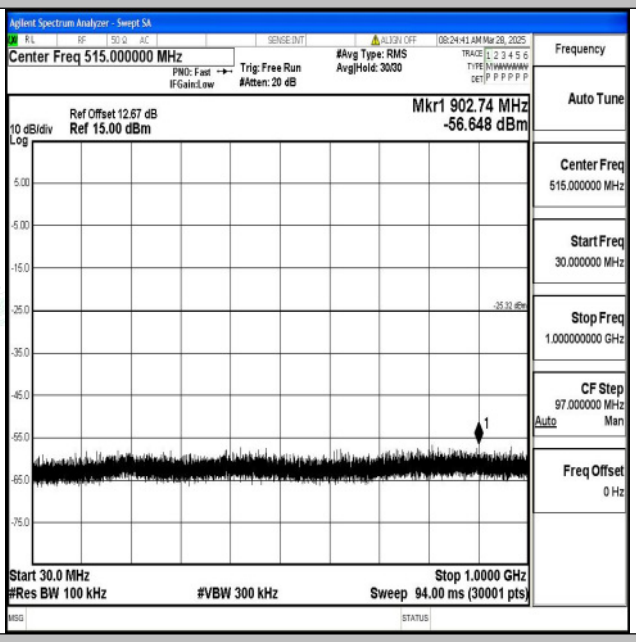
2DH5-Ant1-2402-30~1000-PASS



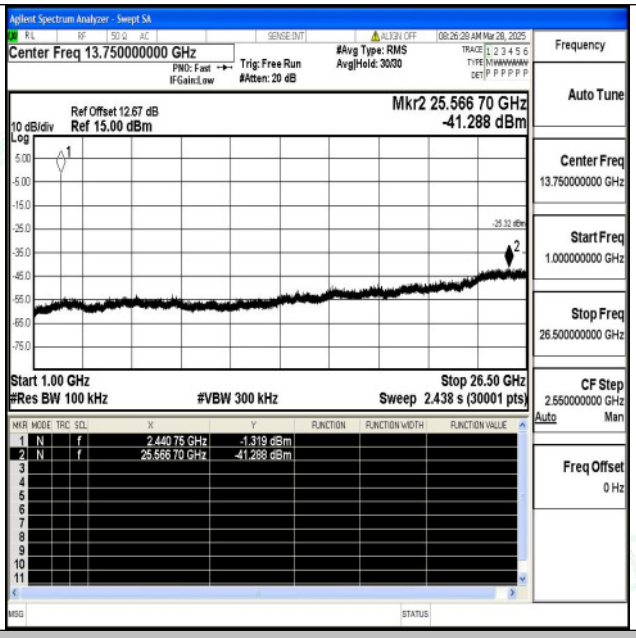
2DH5-Ant1-2402-1000~26500-PASS



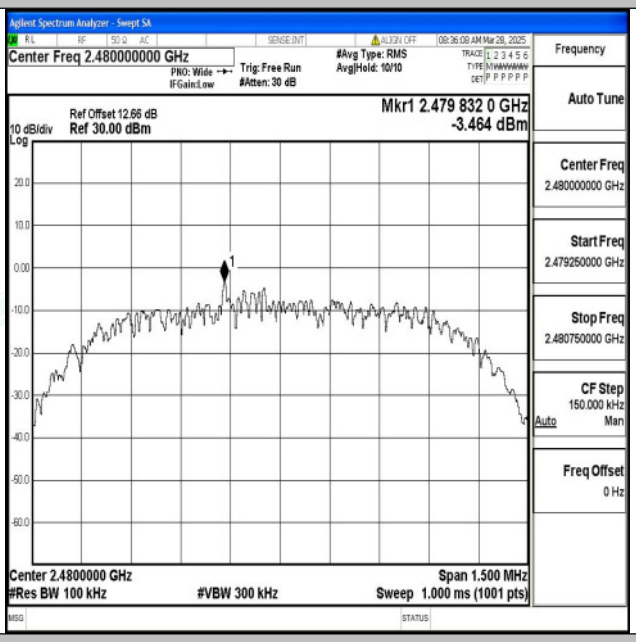
2DH5-Ant1-2441-0~Reference-PASS



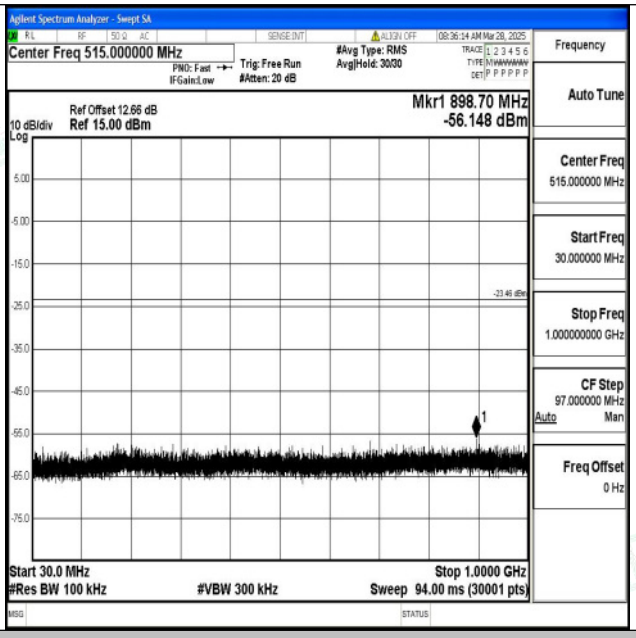
2DH5-Ant1-2441-30~1000-PASS



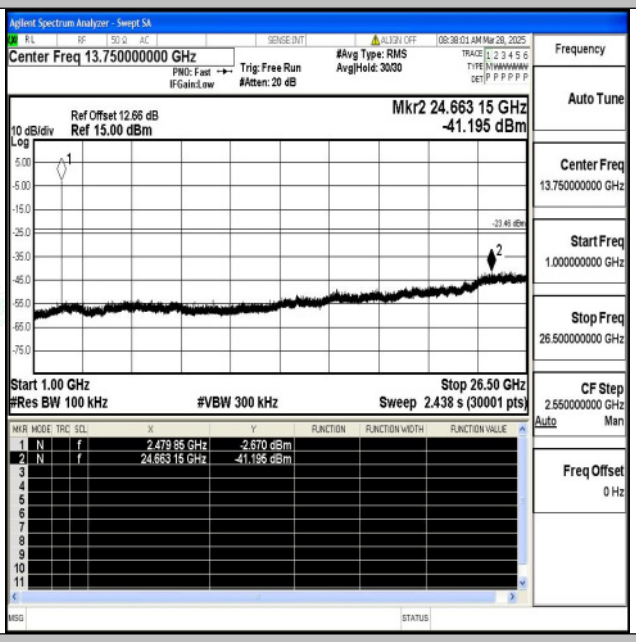
2DH5-Ant1-2441-1000~26500-PASS



2DH5-Ant1-2480-0~Reference-PASS



2DH5-Ant1-2480-30~1000-PASS



2DH5-Ant1-2480-1000~26500-PASS